

INPC 2001

International Nuclear Physics Conference

University of California
Berkeley, California, USA
July 30 – August 3, 2001

THIRD ANNOUNCEMENT –

If you are planning on attending the conference please note that the deadline for early registration and special hotel rates is coming up, Friday, June 29. It is necessary that you register even if will not be paying until you are at the conference

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PROGRAM

First Day

The first registration day is July 29, at the Zellerbach Auditorium on the U.C. campus, starting at 2:30. Shuttle busses will be available from the Hotels we have listed on our web-site. There will be a Registration Reception, the same day, from 5:00pm to 7:00pm, at U.C. Berkeley. All participants are invited to attend the registration reception at the Alumni House on the U.C. Berkeley Campus, on Sunday July 29, from 5:00pm – 7:00pm.

The conference will begin on Monday, July 30 at 8:30am and end on Friday, August 3 at 5:30pm. In the tradition of previous meetings, the scientific program will be organized in the form of morning plenary sessions and afternoon parallel sessions. The plenary sessions will consist entirely of invited talks and will be aimed at an audience of non-specialists. Contributed papers will be reviewed and selected for presentations either in parallel sessions or in a poster session. The preliminary INPC 2001 schedule is posted on our web site. Important information on the conference will be added to this site on a regular basis.

For your information a list of plenary speakers and titles of their papers are listed below

Plenary I

- | | |
|----------|---|
| 8:30 AM | Introductory Remarks |
| 8:35 AM | Welcoming Remarks - Yves Petroff, President Designate IUPAP |
| 8:40 AM | Welcoming Remarks - Mayor Shirley Dean, City of Berkeley |
| 8:45 AM | Welcoming Remarks - Paul R. Gray, Executive Vice Chancellor and Provost, University of California |
| 8:50 AM | Neutrino oscillations: atmospheric, long baseline, and reactor experiments
T. Kajita, University of Tokyo, Japan |
| 9:35 AM | New developments in the nuclear shell model
A. Poves, Universidad Autonoma de Madrid, Spain |
| 10:50 AM | The structure of light nuclei
H. Gao, MIT, USA |
| 11:35 AM | Experimental review of the SPS program: What have we learned?
M. Gonin, Ecole Polytechnique, France |

Plenary II

- | | |
|----------|--|
| 8:30 AM | Introductory Remarks |
| 8:35 AM | Tests of the weak interaction in beta decay
N. Severijns, Katholieke Universiteit Leuven, Belgium |
| 9:20 AM | Contributions of basic nuclear physics to innovative options for the transmutation of nuclear waste
H. Flocard, Institut de Physique Nucleaire, Orsay, France |
| 10:35 AM | First results from RHIC: What are they telling us?
J.L. Nagle, Columbia University, USA |
| 11:20 AM | Quantum chromodynamics at finite temperature and the quark-gluon plasma
T. Hatsuda, University of Tokyo, Japan |

Plenary III

- | | |
|---------|--|
| 8:30 AM | Introductory Remarks |
| 8:35 AM | The statistical model of hadrogenesis in AA collisions from AGS to SPS and RHIC
K. Redlich, University of Wroclaw, Poland |
| 9:20 AM | Electromagnetic form factors of the neutron |

H. Schmieden, University of Mainz, Germany
 10:35 AM Effective field theory for low energy nuclear physics
 M. Savage, University of Washington, USA
 11:20 AM The structure of nuclei far from stability
 T. Glasmacher, Michigan State University, USA

Plenary IV

8:30 AM Introductory Remarks
 8:35 AM Experimental approach to explosive nucleosynthesis
 S. Kubono, University of Tokyo, RIKEN campus, Japan
 9:20 AM Exploring the phases of the QCD
 K. Rajagopal, MIT, USA
 10:35 AM Advances in charged particle therapy
 T. Haberer, GSI, Germany
 11:20 AM Boundary of nuclear physics and QCD
 A.W. Thomas, Adelaide University, Australia

Plenary V

8:30 AM Introductory Remarks
 8:35 AM The proton structure: From form factors to parton distributions, recent progress and future prospects
 J. Martino, CEA Saclay, France
 9:20 AM Theoretical developments in heavy nuclei
 J. Dobaczewski, Warsaw University, Poland
 10:35 AM The nuclear liquid gas phase transition and phase coexistence
 P. Chomaz, GANIL, France
 11:20 AM Neutrino observations from the Sudbury Neutrino Observatory
 A.W.P. Poon for the Sudbury Neutrino Observatory Collaboration, Lawrence Berkeley National Laboratory, USA

Plenary VI

1:30 PM Introductory Remarks
 1:35 PM Medical imaging with radioisotopes
 T. Budinger, Lawrence Berkeley National Laboratory, USA
 2:20 PM The nuclear physics and astrophysics of the new neutrino physics
 G. Fuller, University of California San Diego, USA
 3:35 PM Nuclear structure physics with large gamma-ray arrays
 S. Lunardi, Dipartimento di Fisica dell'Universita' and INFN, Sezione di Padova, Padova, Italy
 4:20 PM Nuclear physics in the 21st Century
 T. Be Announced, AAA, USA

OVERVIEW OF THE INPC 2001 SCHEDULE

	Sunday July 29	Monday July 30	Tuesday July 31	Wednesday August 1	Thursday August 2	Friday August 3
Morning		Registration and Information 7:30am	Registration and Information 7:30am	Information 8:00am	Information 8:00am	Information 8:00am
Morning		Plenary Session 8:30am- 12:30pm	Plenary Session 8:30am- 12:30pm	Plenary Session 8:30am- 12:30pm	Plenary Session 8:30am- 12:30pm	Plenary Session 8:30am- 12:30pm
Afternoon			Participants to post poster 11:00pm- 1:00pm		LBNL Self Guided Tour of the 88-Inch Cyclotron 12:30pm- 2:00	
	Registration 2:30pm - 7:00pm	Parallel Sessions 2:00pm- 6:00pm	Parallel Sessions 2:00pm- 6:00pm	FREE AFTERNOON	Parallel Sessions 2:00pm- 6:00pm	Plenary Session 1:30pm- 5:00pm
				LBNL Tour of ALS and 88- Inch Cyclotron 2:00pm - 5:00pm		
Evening	Registration Reception 5:00pm - 7:00pm	Lawrence Centenary Lecture featuring Lawrence Krause 8:00pm- 9:30pm	Poster Session 1:00pm- 6:00pm Poster Reception 4:00pm- 6:00pm		Strolling Buffet 7:30pm to 10:00pm	

PROCEEDINGS

Proceedings of the conference, containing written versions of the invited and selected contributed papers, will be published. Each participant will receive a copy of the proceedings by mail after the conference, the cost of which is included in the registration fee. The format and maximum length of the manuscript will be communicated to each confirmed speaker. In order to publish the proceedings in a timely manner, manuscripts must be submitted during the conference during Registration, Sunday through Tuesday or at the Information booth as of Wednesday.

TECHNICAL EXHIBITIONS

The conference has organized a technical exhibition that is open to publishing companies and industries related to nuclear physics. Companies interested in participating in this exhibition are invited to contact the Conference Coordinator at AMSmith@lbl.gov. The exhibitors will have a booth located either at the Alumni House or in Zellerbach Auditorium. Set up time of the exhibitors is Sunday, July 29, 9:00a.m. - 12:00a.m., breakdown is Friday, August 3, 2:00pm.

LAWRENCE CENTENARY LECTURE

On Monday evening, July 30, the conference will host a special tribute to the memory of the late Ernest Orlando Lawrence, particle accelerator pioneer and Berkeley's first Nobel Prize winner whose 100th birthday is on August 8. The Lawrence Centenary Lecture will be given by noted physicist and author, Lawrence Krauss, whose popular talks on "The Physics of Star Trek" and other topics have earned him international acclaim. Dr. Krauss, who is chairman of the Physics Department at Case Western Reserve University and is Ambrose Swasey Professor of Physics and Professor of Astronomy there, recently received the American Institute of Physics' Andrew W. Gemant Award, which recognizes an individual who has linked physics to the arts and humanities. The AIP honor follows the 1999-2000 Award for the Public Understanding of Science and Technology, given by the American Association for the Advancement of Science, and this year's Julius Edgar Lilienfeld Award from the American Physical Society. Dr. Krauss is the first scientist to receive all three awards.

POSTER SESSION

The Poster Session will open its doors for general display, Tuesday, July 31, 1:00p.m. - 6:00pm. The display will be open to view until Friday, August 3, 1:00p.m.

Participants selected to present their Abstracts are asked to post them, Tuesday, July 31, from 11:00a.m. - 1:00pm. Please note that the Poster boards are both Velcro and pushpin friendly. Posters are to be picked up Friday, August 3, 2001, from 1:00p.m. - 3:00p.m.

POSTER RECEPTION

We will be hosting a Poster Reception, Tuesday July 31, at 4:00pm, all participants are invited to attend. Poster presenters will be present to discuss their work from 4:00pm to 6:00pm.

REGISTRATION

Participants are requested to complete the registration form, which can be found on:

<http://www-ia1.lbl.gov/conferencereg/shopregcustomer.asp?id=3>

We encourage you to submit your payment on-line or fax your registration form as indicated. Please note that it is important to us that you register for the conference, even if payment can not be made until the day of the event.

Early registration until June 29, 2001:	\$350
Late registration beginning June 30, 2001:	\$450

In the event of cancellation of registration, a full refund less US \$50 handling fee will be made, provided written notification is received by FAX or e-mail by June 30, 2001. No refunds will be given after that date.

DEADLINES

Deadline for Lodging:	Friday, June 29, 2001
Early registration \$350:	Friday, June 29, 2001
On-line registration Deadline:	Tuesday, July 24, 2001, 12:00am PDT
Del-Tours/Excursions:	July 7, 2001
LBNL Tour/Boxed Lunches	July 31, 12:00pm

STROLLING BUFFET

A Strolling Buffet will be held on Thursday, August 2, at 7:30 p.m. at the Lawrence Hall of Science. Located in the Berkeley hills, the Lawrence Hall of Science has one of the most dramatic views of the San Francisco Bay Area, as well as the dynamic environment of a major public science center. Lalimes a celebrated East Bay restaurant will be catering the event. Special California wines have been selected, 1999 Oakley Vineyards Zinfandel and a 1999 Rosenblum Napa Chardonnay. We believe this will be a very enjoyable evening. All participants are invited to attend for a fee of \$50.00. To allow us to effectively plan this reception, please indicate your attendance on your registration form.

ACCOMMODATION

Reminder:

All conference attendees who plan to stay at a hotel MUST make their own accommodation arrangements. Please phone the hotels directly to make your reservation. To ensure you receive the conference rates, **ask for the INPC CONFERENCE.** The deadline for reserving rooms at the INPC rate is, June 29, 2001. After this date, blocked rooms will be released. Which means that rooms may not be available and the conference rates may not be honored. Please reserve your rooms as soon as possible.

SUMMER VISITOR HOUSING

Guests arriving prior to or leaving after the program dates may make individual reservations at Summer Visitor Housing located at Stern Hall (Hearst Avenue and Highland Place). The 2001 room rates are \$64.00 per night, double occupancy and \$50.00 per night, single occupancy.

Reservations may be made by calling (510) 642-4444, prior to June 1 or (510) 642-5925 after May 31. Reservations can also be made through our web site (<http://www.housing.berkeley.edu>) by clicking on "Conference Services" and then on "Summer Visitor Housing".

TRANSPORTATION

Airport Shuttles

Bayporter Express, is available from the local airports the, cost ranges from \$18.00-\$22.00, from the Airport to the Berkeley area. Reservations can be made, Ph: (877) 467-1800 or Fax: (415) 467-1800. Otherwise, shuttles are located at the airport

Shuttle Busses

Shuttle Busses will be available to participants to and from the conference and its events. Schedules will be posted at the hotels and on the conference web site. Schedules will also be in given to you in your packages.

Bart and AC Transit

Schedules and maps will be given to you in your packages. Information can also be found on the web site, <http://www.berkeleycvb.com/gettinghere.html>.

EXCURSIONS

Lawrence Berkeley National Laboratory, has planned a tour of our Advanced Light Source Facility as well as the 88-Inch Cyclotron, on Wednesday, August 1.

There will also be a self-guided tour available, of the 88-Inch Cyclotron facility, Thursday, August 2 during the lunch hour. Box lunches are available at a fee of \$10.00. If interested in the tour or the lunch, please email AMSmith@lbl.gov prior to the conference or contact our Information Booth, by Tuesday, July 31, 1:00pm. Please note that there is limited space for these tours.

DelTours Inc

Located on our web site, under Excursions, they are offering a selection of tours available to our conference attendees. Please take advantage of the pre-registration rates. Please note that the deadline, is July 7.

CORRESPONDENCE

All correspondence pertaining to the scientific program should be sent via e-mail to:

Gordon Wozniak
Nuclear Science Division
Lawrence Berkeley National Laboratory
GJWozniak@lbl.gov

Telephone: (510) 486-5071
Fax: (510) 486-6003

Please address all other correspondence pertaining to lodging and registration to the conference coordinator:

Anna Smith
AMSmith@lbl.gov

(510) 486-6921 Phone

(510) 486-5757 Fax

FURTHER INFORMATION

Updated information, including links to useful sites, can be found on the conference world wide web site:

<http://www.lbl.gov/~inpc2001/>.

Both the first and second announcement can be found at our website, <http://www.lbl.gov/~inpc2001/>.

Please circulate this announcement to potentially interested colleagues, particularly younger physicists.